

22



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/032,345	12/21/2001	Daniel Dante Poblete	7784-000396	4997

7590 02/03/2005

Mark D. Elchuk
Harness, Dickey & Pierce P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

EXAMINER

VO, TUNG T

ART UNIT	PAPER NUMBER
----------	--------------

2613

DATE MAILED: 02/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/032,345

Applicant(s)

POBLETE, DANIEL DANTE

Examiner

TUNG T. VO

Art Unit

2613

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 August 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 and 9-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 and 9-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1, 7, 10 and 11 are rejected under 35 U.S.C. 102(e) as being anticipated by Siemens et al. (US 2003/0086000 A1).

Re claims 1, 10, and 11, Siemens discloses a surveillance system (102 of fig. 1) adapted for use on a mobile platform (202 fig. 2) and adapted for communicating real time video of a desired portion of said mobile platform to a remotely located monitoring station (104 of fig. 1), comprising:

at least one video camera (118, 120 of fig. 1) positioned on said mobile platform to view a desired area of said mobile platform and for generating output signals representing a video image of said desired area;

a radio frequency communications subsystem (150 of fig. 13) carried onboard said mobile platform for communicating said output signals to said remotely located monitoring system (161 of fig. 1); and

a recorder subsystem (144, 199 of fig. 1) located on board the mobile platform for recording said output signals for viewing later in time.

wherein said video camera comprises a color camera (118 and 120 of fig. 1) capable of producing an image that meets or exceeds predetermined quality standards (note the rear facing wide-angle color camera 120 features a 1/4-inch CCD capable of capturing an NTSC image with 350 lines of horizontal resolution).

Re claim 7, Siemens further discloses a computer server (157 of fig. 1) capable of storing said signals from said video camera using a suitable electronic storage device.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-7, 9-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Monroe (US 6,545,601 B1) in view of Myrick (US 5,045,937).

Re claims 1, 10, and 11, Monroe discloses a surveillance system (fig. 13) adapted for use on a mobile platform (fig. 1) and adapted for communicating real time video of a desired portion of said mobile platform to a remotely located monitoring station, comprising: at least one video camera (C1 of fig. 13) positioned on said mobile platform to view a desired area of said mobile platform and for generating output signals representing a video image of said desired area; a radio frequency communications subsystem (82 of fig. 13) carried onboard said mobile platform for communicating said output signals to said remotely located monitoring

Art Unit: 2613

system; and a recorder subsystem (70 of fig. 13) located on board the mobile platform for recording said output signals for viewing later in time.

It is noted that Monroe teaches the cameras (C1-Cn of fig. 13) having a NTSC standard and suggests the modifications and enhancements of the system would be applied (col. 25, lines 4-6). Monroe does not particularly teach the video cameras are color cameras.

However, Myrick teaches two color cameras (1, 2, 14 of fig. 1) for capturing a color image. Therefore, taking the combined teachings of Monroe and Myrick as a whole, it would have been obvious to one of ordinary skill in the art to incorporate the color cameras (1, 2, 14 of fig. 1) of Myrick into the system of Monroe to serve the same purpose of capturing the color image. Doing so would allow the operator to view the exact image captured by the color camera.

Re claim 2, Monroe further teaches wherein a plurality of video cameras included for monitoring a plurality of areas within said mobile platform (54 of fig. 13).

Re claim 3, Monroe further teaches a distribution subsystem (76 of fig. 13) for transmitting said output signals from said video camera (C1-CN of fig. 13) to said radio frequency communications subsystem (82 of fig. 12).

Re claim 4, Monroe teaches wherein said radio frequency communications subsystem operates to receive camera control commands from said remotely located monitoring station (82 of fig. 12, note receiving the camera control from a remote location as a ground control center); and wherein said system further comprises a video control unit (241 of fig. 13, note controlling all units) for receiving said camera control commands and using said camera control commands to control operation of said video camera.

Art Unit: 2613

Re claim 5, Monroe further teaches wherein said system comprises a video control unit (241 of fig. 12) which acts as an interface between a plurality of said cameras (col. 22, lines 1-56).

Re claim 6, Monroe further teaches wherein said system comprises a video control unit which provides said video cameras with electrical current and electrical current surge protection (col. 6, lines 38-40 and col. 23, lines 15-20).

Re claim 7, Monroe further teaches a computer server (95 of fig. 9) capable of storing said signals from said video camera using a suitable electronic storage device.

Re claim 9, Monroe further teaches wherein said control commands transmitted to said video camera instruct said camera to perform at least one of the functions: pan, rotate, and zoom (504 and 504 of fig. 4b).

Response to Arguments

5. Applicant's arguments filed 08/06/04 have been fully considered but they are not persuasive.

The applicant argued that the 103 section rejection fails because there is suggestion or motivation, either in the reference themselves or in the knowledge generally available to one of ordinary skill in the art, to combine the references.

The examiner respectfully disagrees with that applicant. It is submitted that Monroe teaches the cameras for monitoring a plurality of areas within the airplane (Cn of fig. 13) used for the airplane system (fig. 13), the airplane system would be modified and enhanced as suggested by Monroe (col. 25, lines 4-6). Myrick teaches the color cameras (1, 2, and 14 of fig.

Art Unit: 2613

1) that used for the airplane. Therefore, one skilled in the art would install the color cameras of Myrick (1, 2, and 14 of fig. 1) into the airplane system of Monroe (C1...Cn of fig. 13) to serve the camera purpose of capturing color images for better viewing. Since Monroe and Myrick use the cameras for the airplane system, they are combinable to make obvious the claimed invention.

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TUNG T. VO whose telephone number is 703-308-5874. The examiner can normally be reached on M-F.

Art Unit: 2613

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris. Kelley can be reached on 703-305-4856. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


TUNG T. VO
PATENT EXAMINER
ART UNIT 2613

T.Vo.

TUNG T. VO
Primary Examiner
Art Unit 2613